



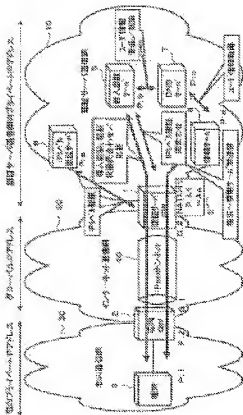
# **Espacenet** **Bibliographic data:** **JP 2002208965 (A)**

## **INTERNET RELAY CONNECTION SYSTEM**

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## **Abstract of** **JP** **2002208965** **(A)**

PROBLEM TO BE SOLVED: To achieve high level security at the time of authenticating a terminal connected from a home communication network to the Internet by dial up, and an IP address is assigned according to the connection. SOLUTION: An IPsec tunnel is set up in a communication path in the Internet communication network, so that the selected communication can be performed through the IPsec tunnel between a home communication network and an authentication server communication network. Moreover, authentication strength can be enhanced by the two stages of the IP-based authentication of the IPsec tunnel establishment and the potential identification of an authentication server address, and a consumer can be specified from the IP address according to the usage of an authentication server GW, an IP-level authentication server, and a personal identification server. The consumer information can be acquired from the access IP address by an information server.



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